

FIG. 1A

1 M E L D L W S E D F Q L A R E W G L E M P V V Q T D G G Q F G D D L K S T S R H G G
 41 D E S L S L Q P Q G A T L K L E P F E E D V L G A E W M E S S D L G S F L D A P
 81 G D N H E R L H P F E S N L L E F T S L T F D D S T S K D I L S S T L Q F P
 121 T Q P V N I P L Y A S H G A E D F S A E T E F E N H L S P P D S P E Q V A P V I
 161 N L E P V E L T A S H M T V I S P D G L L G M E L A S E S L T F T E L D F V N
 201 F N D S A V G S I G G A E E L L G S P L S V D D V E S T I S F S G P S S P E T S
 241 Q S S I I E S S P E L Y K V I S T S S I D A S K R F S P Y S R S K S K Q S V K
 281 T S D A K A P R K T R T P A Q P V P E H V I N E H L D K K D R K K L Q N K N A A
 321 I R Y R M K K K G E A Q G K K G E E Q E E L N T K K K T K V D D Q R E I K
 361 Y K N L M E D V C K A K G I Q L K

II
I

FIG. 1B

306	L D K K D R K K K L Q N K N A A I R R Y R R Q K K K G E A Q G I K	*	E L E E	ApCREB-2
308	L D K K L K K M E Q N K T A A T R R Q K K R A E Q E A L T		E L E K	mATF-4
278	L D K K L K K M E Q N K T A A T R R Q K K R A E Q E A L T		E L E K	hCREB-2
344	L N T K L K T K V D D L Q R E I K Y Y Y Y M K N L N E D V C K A K	*	I Q L K	ApCREB-2
346	K N E A L K E K A D S L A K E I Q Y Y Y Y M K N L N E E V V R K A R		K K R V P	mATF-4
316	K N E A L K E R A D S L A K E I Q Y Y Y Y M K N L N E E V V R K A R		K K R V P	hCREB-2

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FIG. 2A

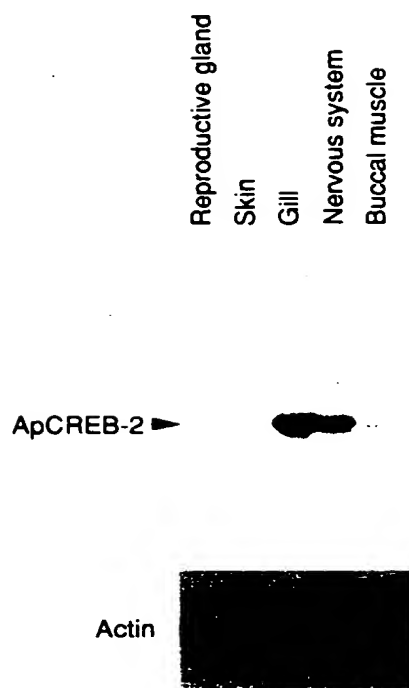
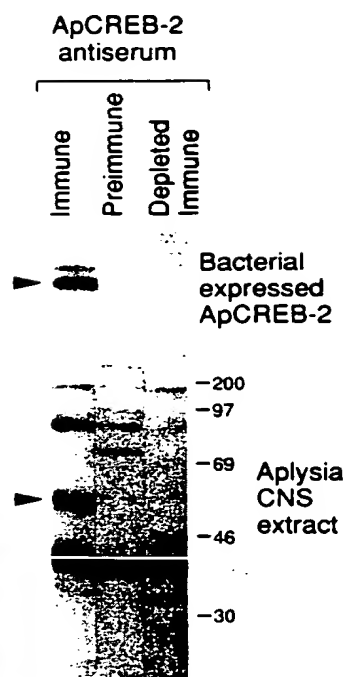
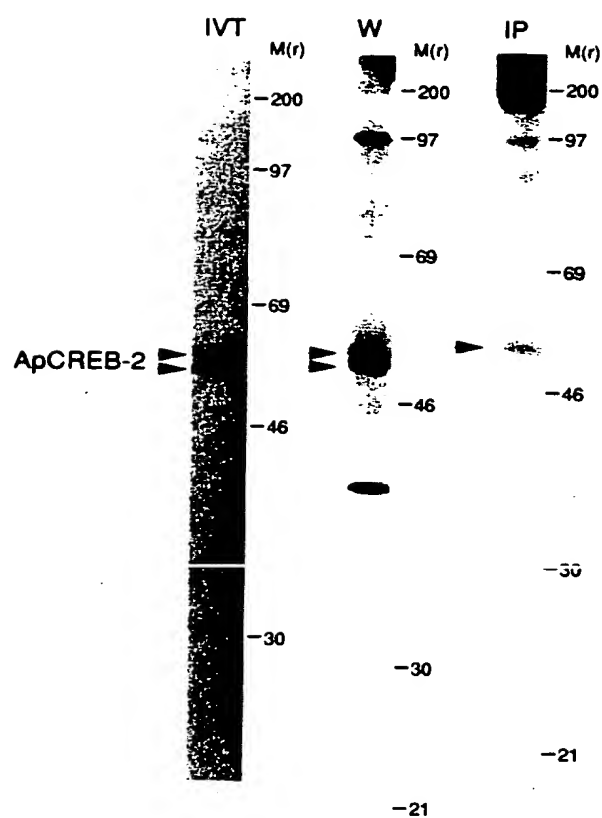


FIG. 2B



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FIG. 2C



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FIG. 3A

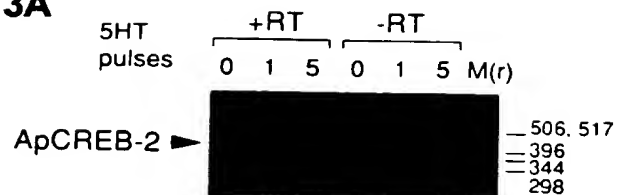


FIG. 3B



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FIG. 4A

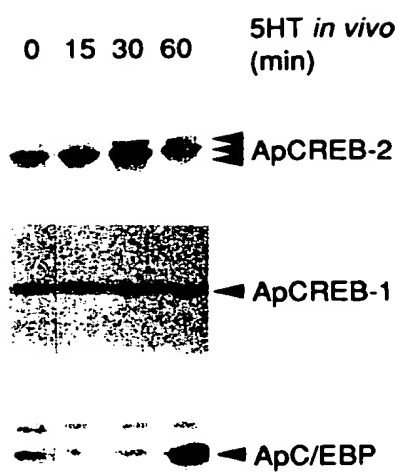
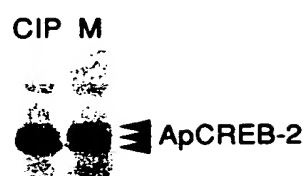


FIG. 4B



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FIG. 5B

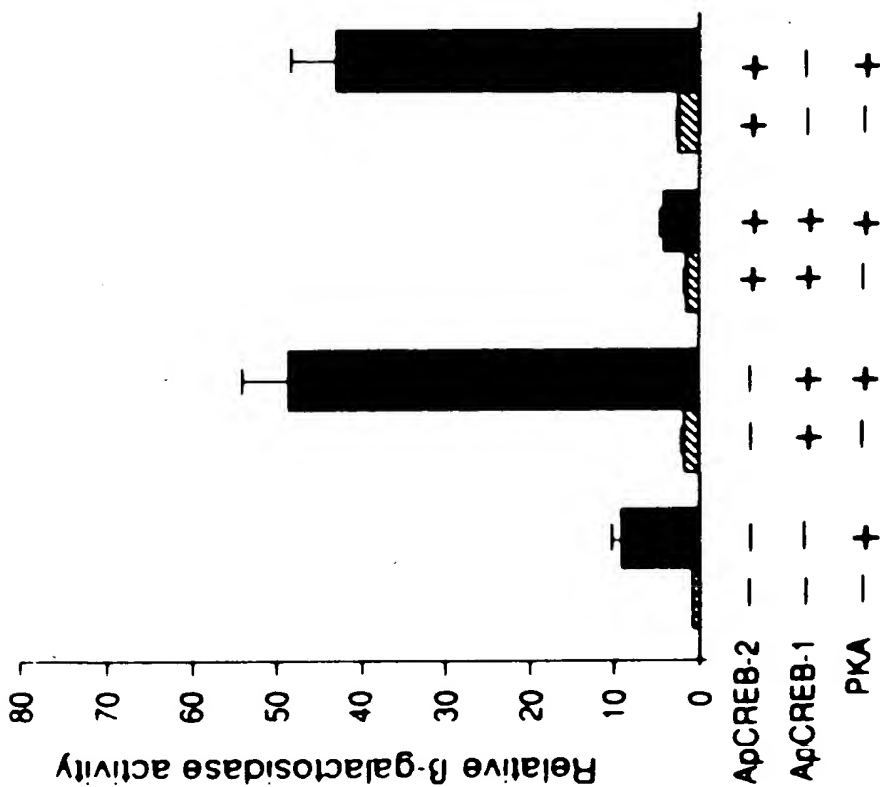
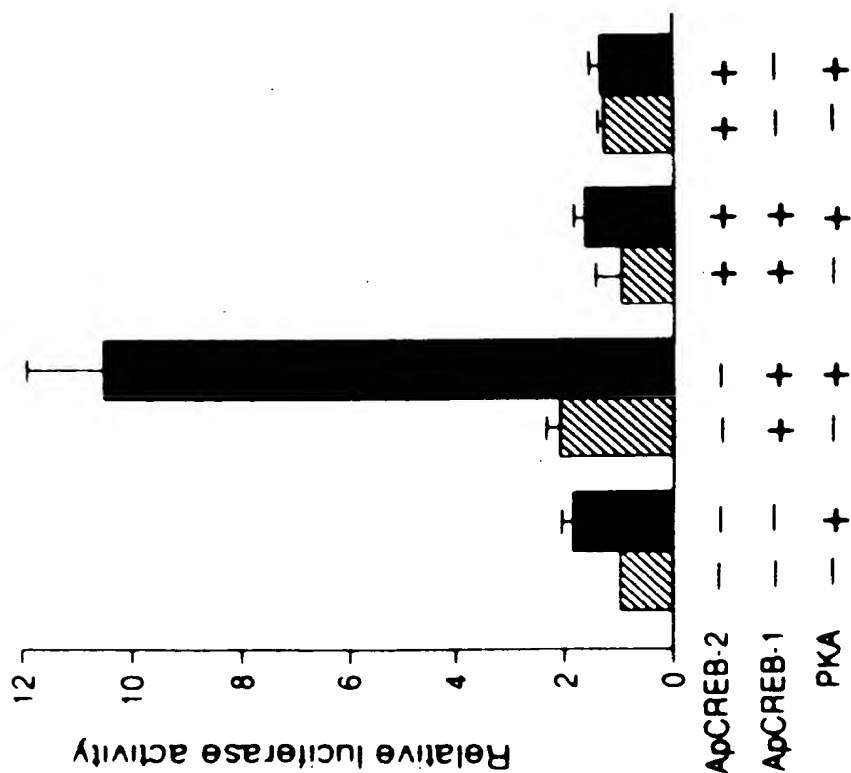


FIG. 5A



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FIG. 6A

CRE

BS1 - ApCREB - 2

BS2 - ApC/EBP

TGACGTCAAGTATTG**CGTCATC**ACTATTG**CGCAATC**

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FIG. 6B

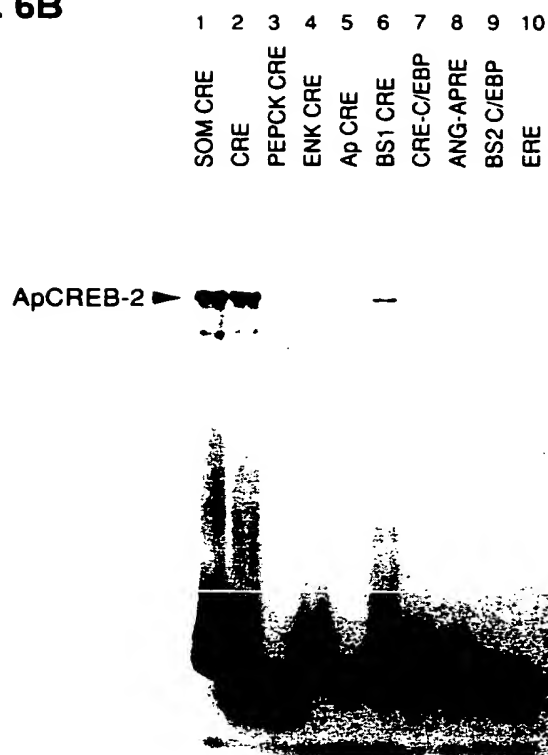
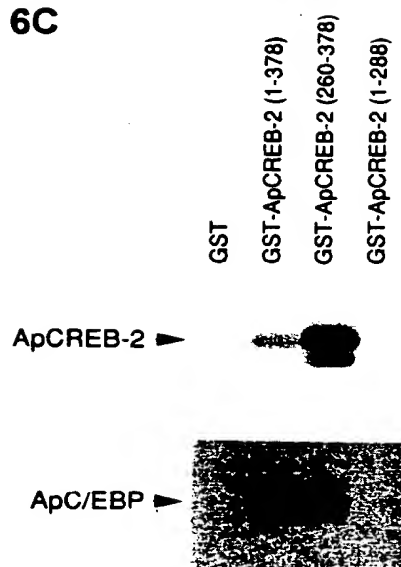


FIG. 6C



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FIG. 7A

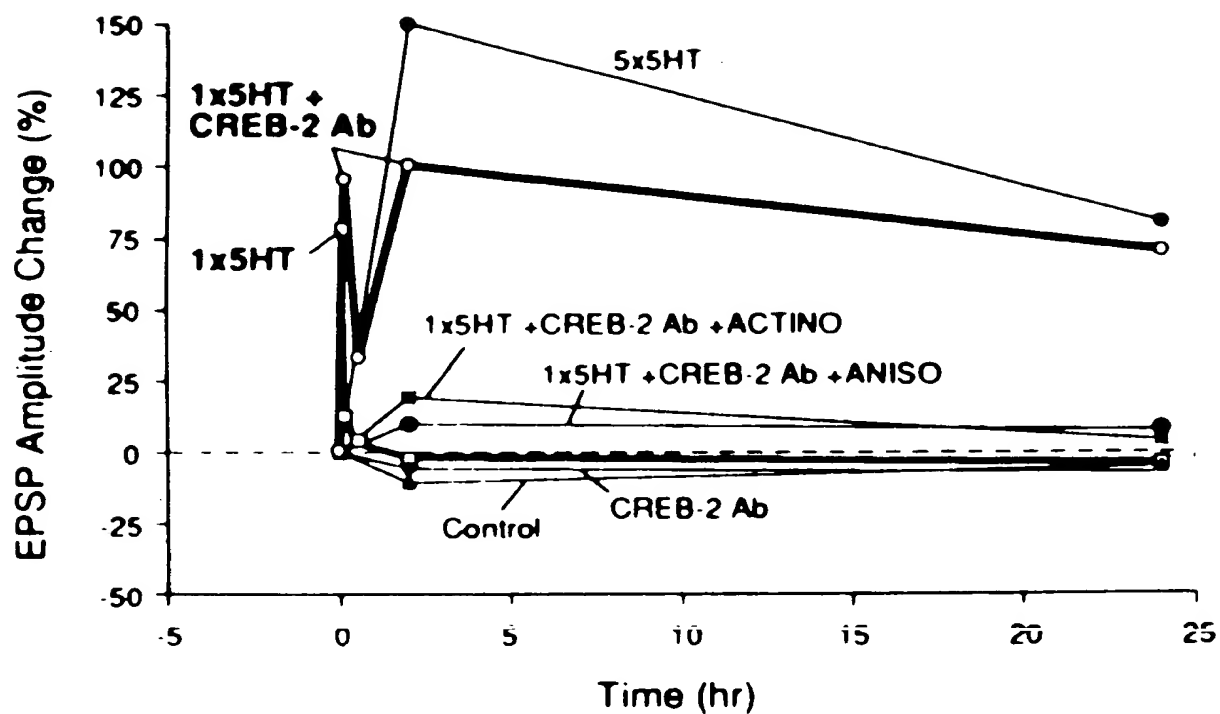
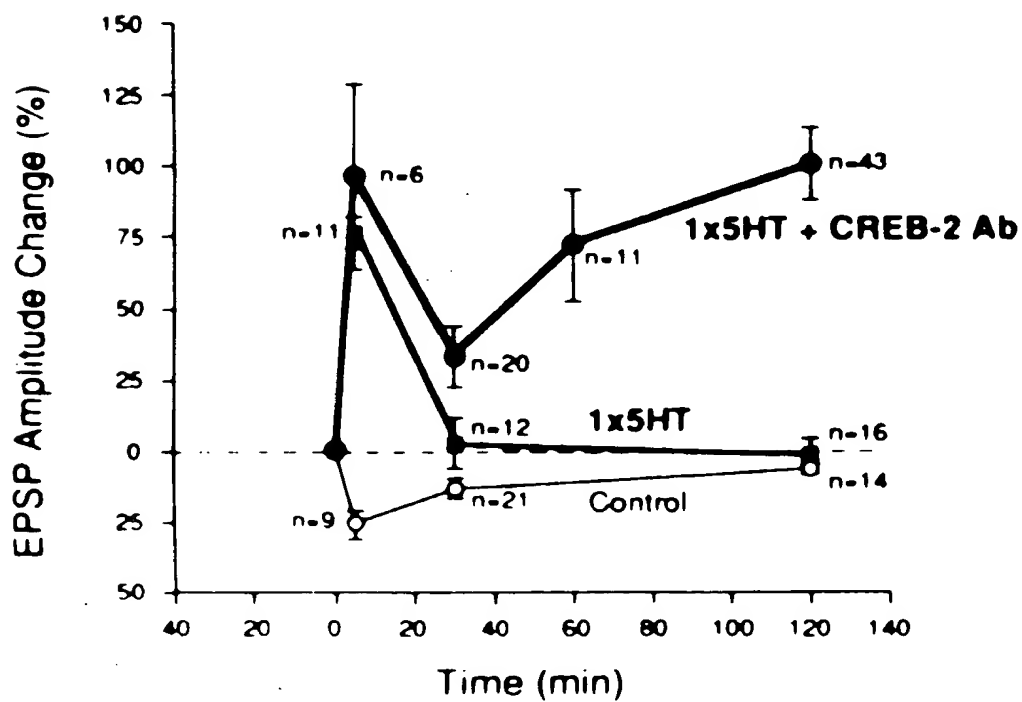


FIG. 7B



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FIG. 7C

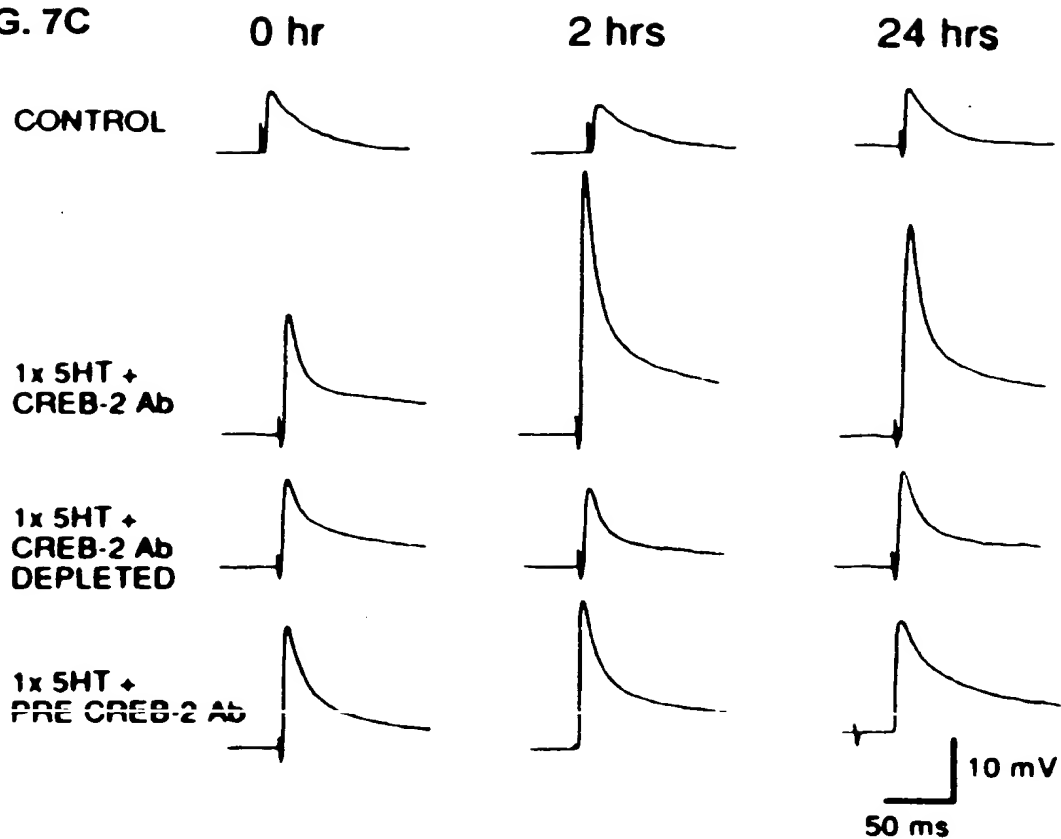
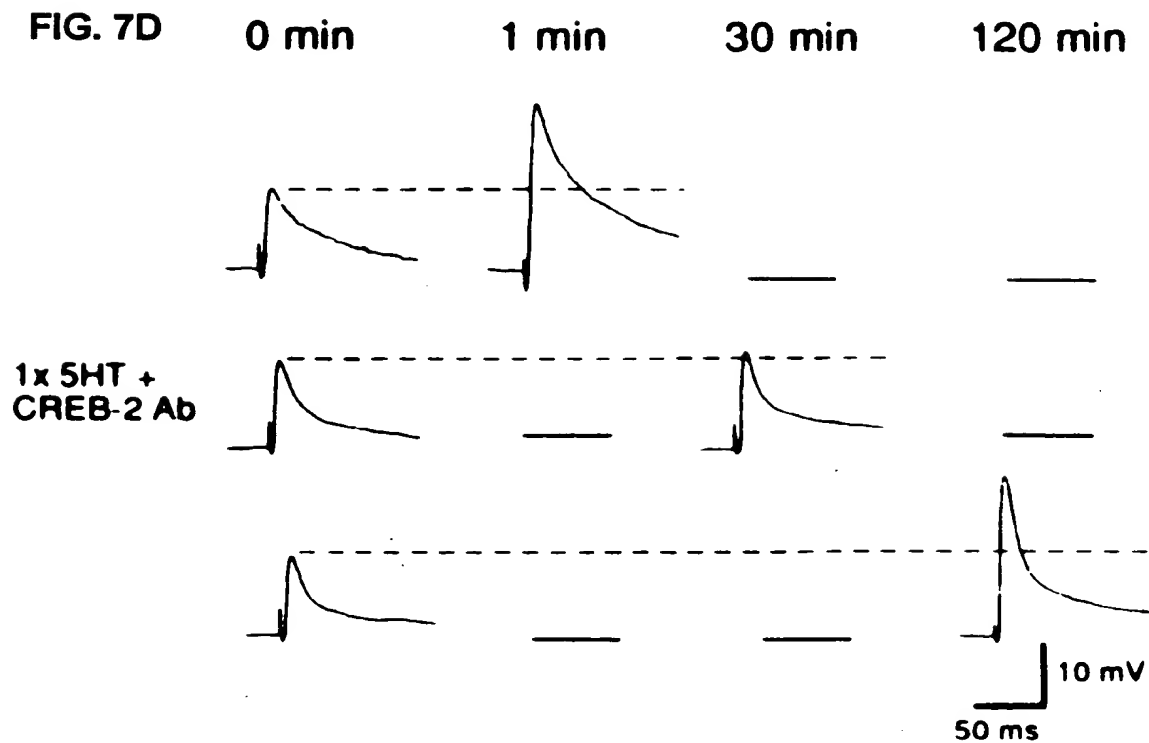


FIG. 7D



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FIG. 8A

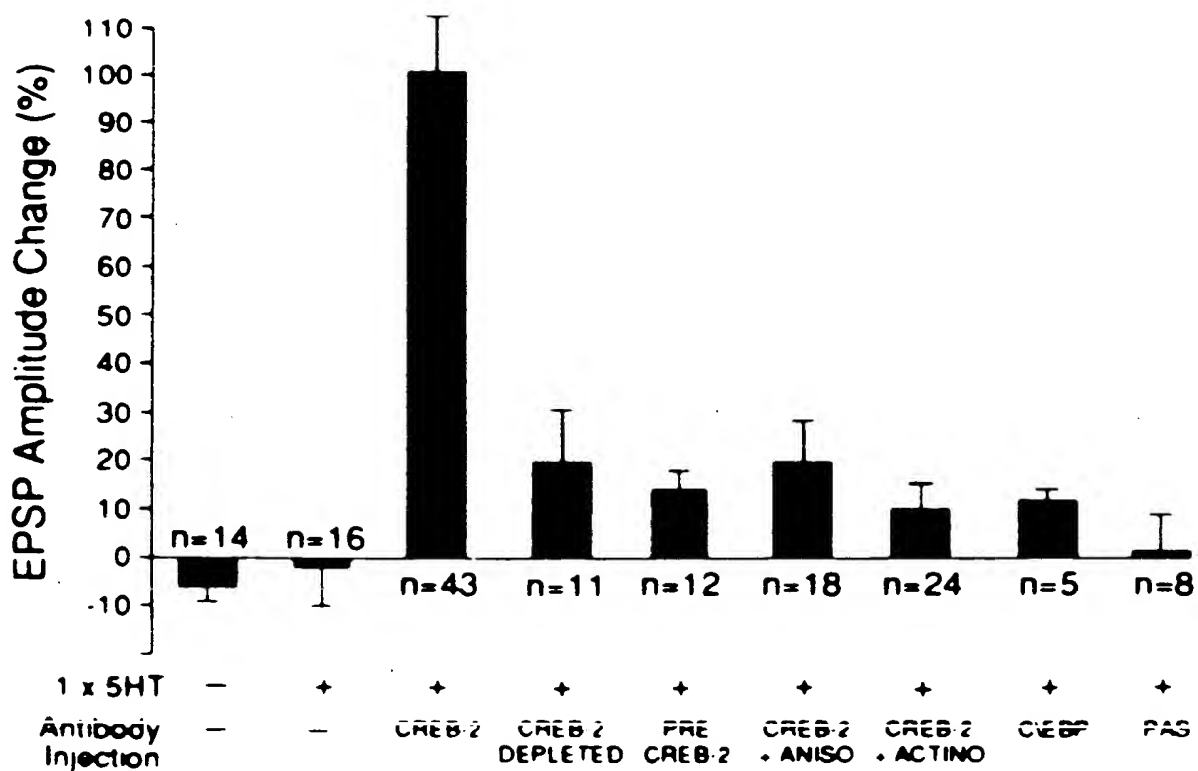
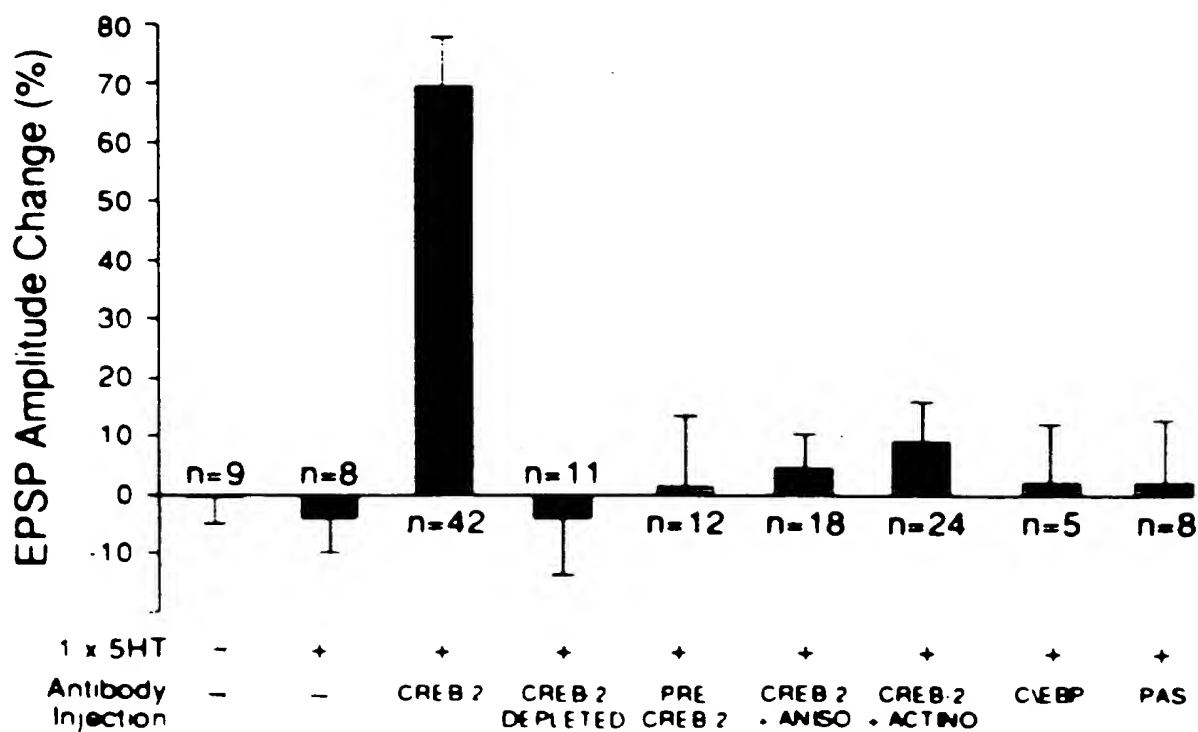


FIG. 8B



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FIG. 8C

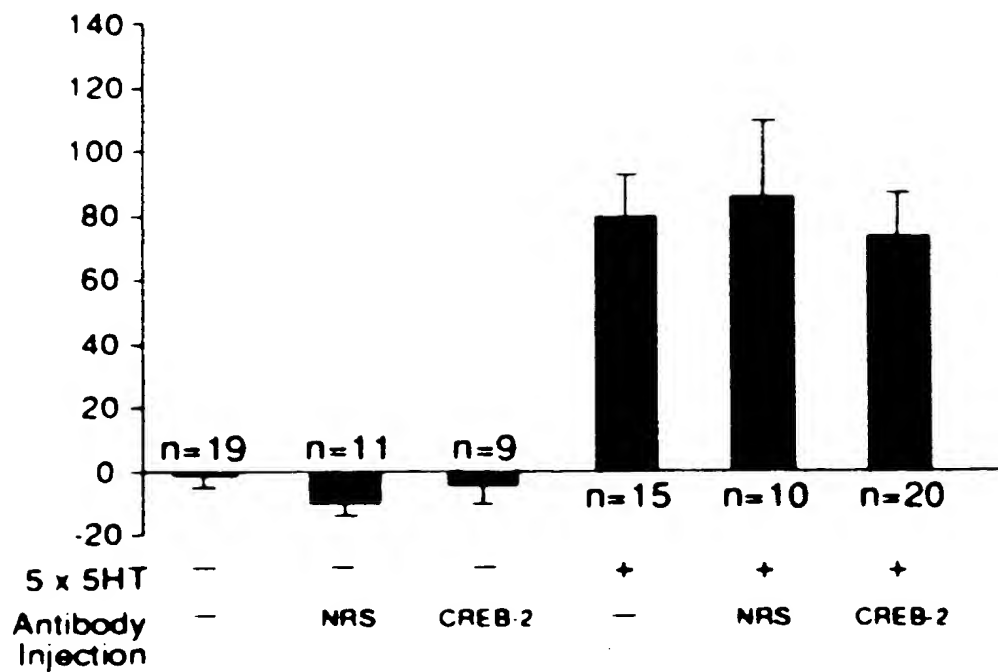
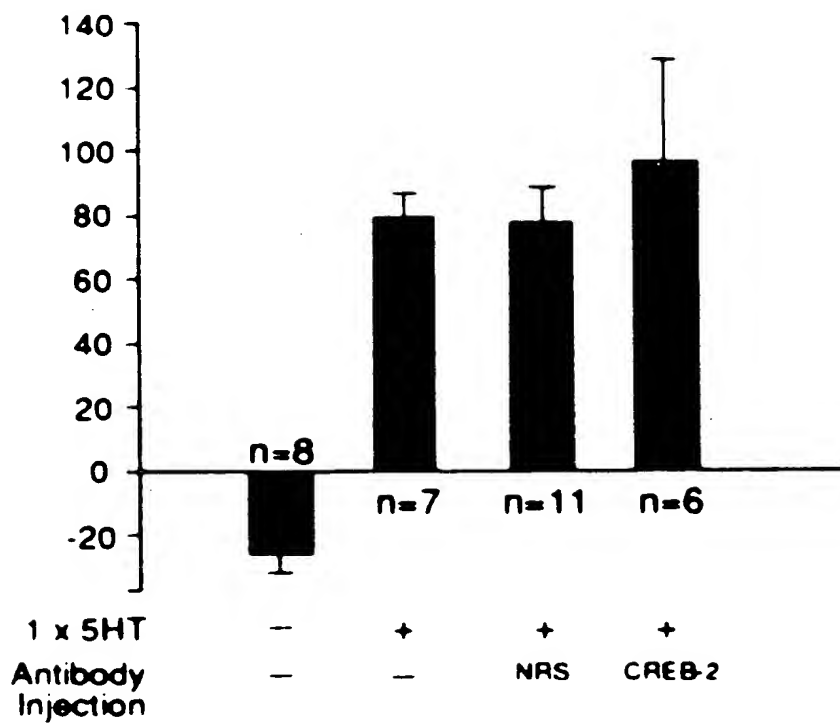
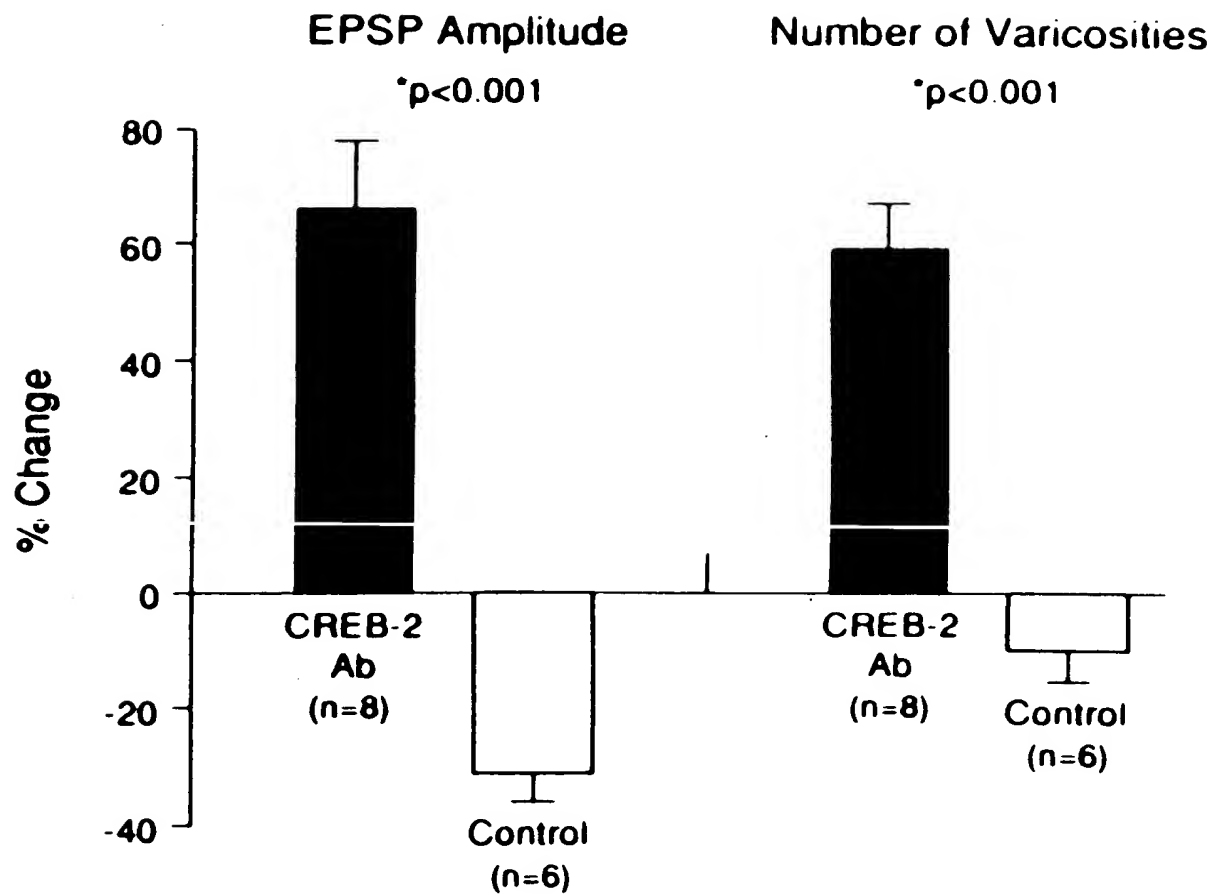


FIG. 8D



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FIG. 9



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FIG. 10A

0 hr

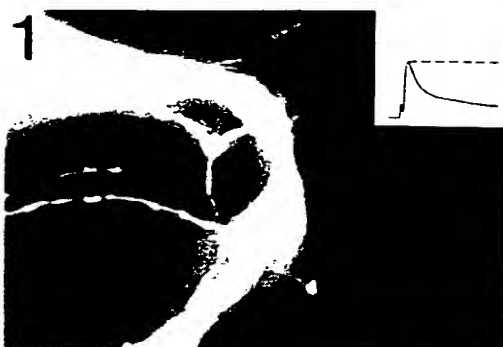
CREB-2 Ab
1 x 5HT

FIG. 10B

24 hrs

Control
1 x 5HT

FIG. 10C

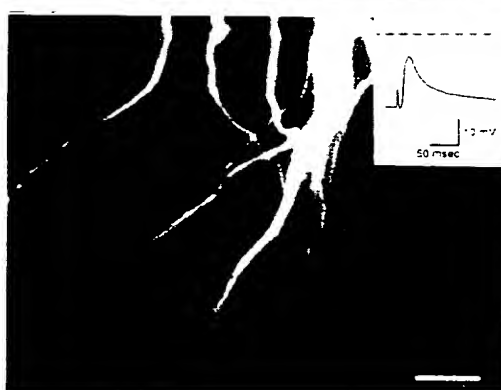


FIG. 10D